



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Wednesday, April 17, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- Severe thunderstorms likely across eastern half of FEMA Region 6. Large hail is the primary hazard. Damaging winds, a tornado or two possible.
 - Enhanced risk area for severe thunderstorms across OK & N and Central TX.
 - Slight risk area extends into E TX, W AR and NW LA.
 - Isolated (marginal risk) strong to severe thunderstorms possible across E AR and N LA.
- Critical fire weather conditions across TX Big Bend
- Heavy rainfall/isolated flash flooding possible across OK, Central and E TX, AR & N LA.

Thursday

- Enhanced risk area for severe thunderstorms across SE LA. Damaging winds and a few tornadoes possible.
- Slight risk area for severe thunderstorms across LA/E AR. Damaging winds and a few tornadoes possible.
- Heavy rainfall/isolated flash flooding possible across E LA/E AR.

Friday - Sunday

- No significant weather impacts expected.

River Flooding

- Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
 - Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
 - Current forecasts show levels will continue to fall into next week. These forecast **ONLY** capture rainfall expected in the next 24 hours.
- Minor flooding occurring across NE TX/N LA and AR. Rainfall the next few days could cause additional rises, however no major impacts expected.

FEMA Region 6 Threat Matrix

Apr 17, 2019 – Apr 21, 2019



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms	OK/C & NTX	E/SE LA			
	ETX/W AR NW LA	E AR			
	E AR/N LA	SE TX/C AR/W LA			
Heavy Rain / Flash Flooding	ETX/AR/N LA	E AR/E LA			
	OK/CTX/N AR	C AR/W LA			
Winter Weather					
Fire Weather	TX Big Bend			S NM/W TX	
River Flooding	E/SE LA	E/SE LA	E/SE LA	E/SE LA	E/SE LA
	AR/N LA/NETX	AR/N LA/NETX	AR/N LA/NETX	AR/N LA/NETX	AR/N LA/NETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

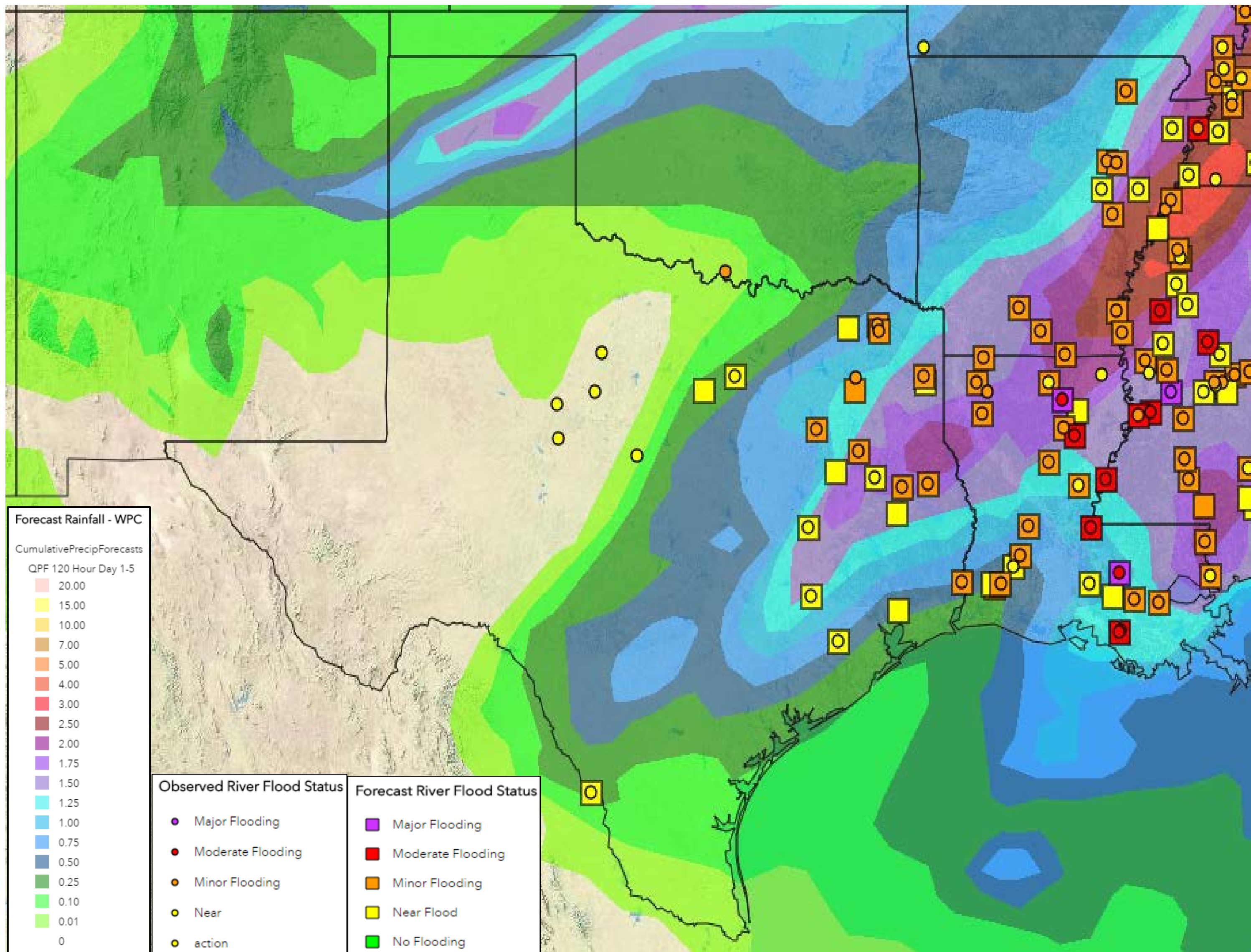
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.

- **MS River at Baton Rouge is at Major flood.** Shipping and industrial activities are significantly affected.
- **Several other points remain at moderate flood.**
- **The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans.** It will remain open until further notice. No impacts are noted.

Minor river flooding will continue for much of this week on the MS River in E AR.

Note: Current forecasts ONLY account for rainfall in the 24 hour period.

Minor flooding ongoing across NETX/AR and N LA. Rainfall the next few days may cause some additional rises, however no major impacts expected.

Today's Weather



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Forecast Chart

Forecast Rainfall

Enhanced risk for severe thunderstorms across OK, N and Central TX.

Slight risk area for severe thunderstorms across E TX, W AR and NW LA.

Heavy rainfall/isolated flash flooding possible across E and Central TX, AR, OK, and NW LA.

Isolated strong to severe thunderstorms possible across E AR & N LA.

Severe Weather Outlook

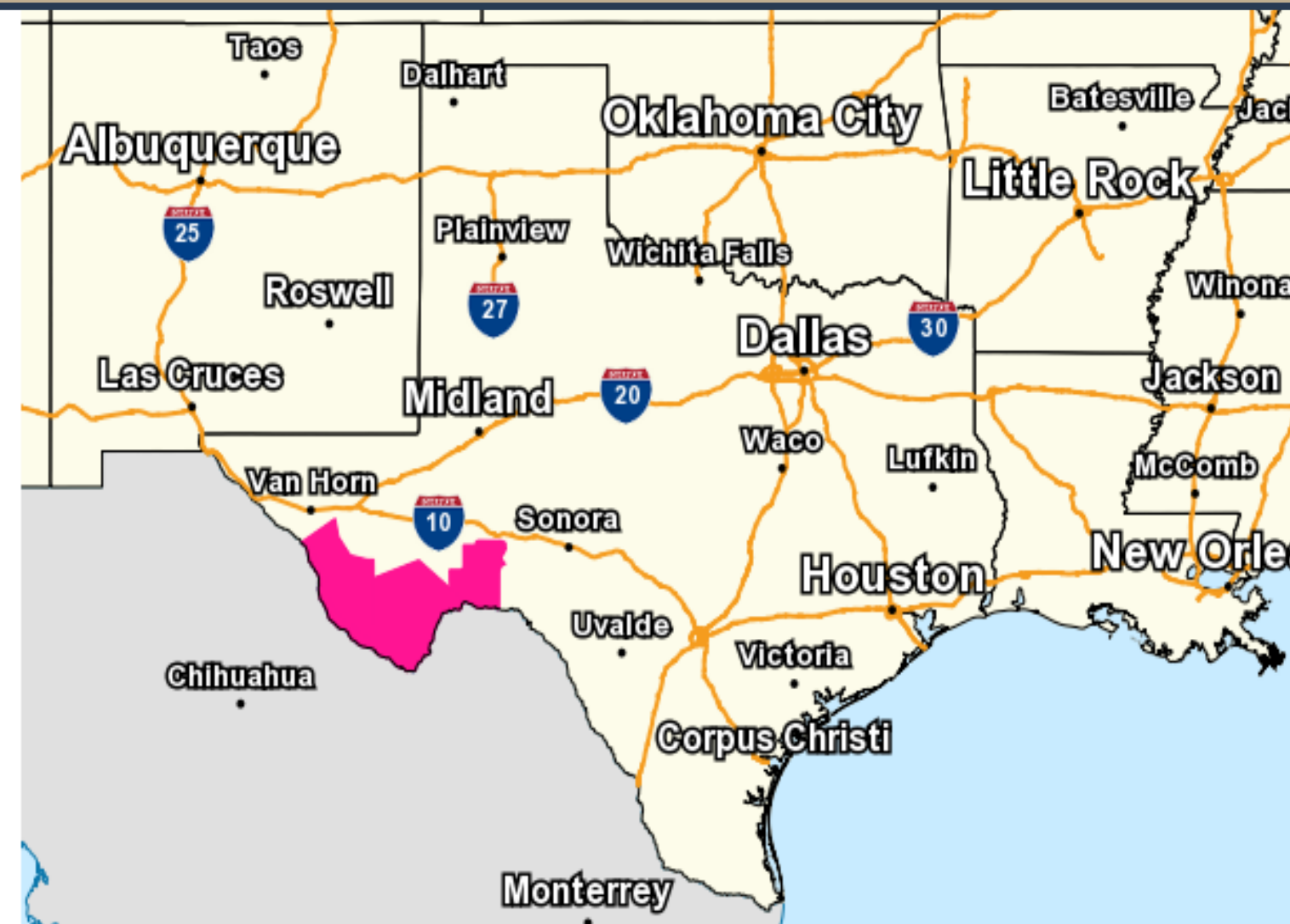
Excessive Rainfall Outlook

Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



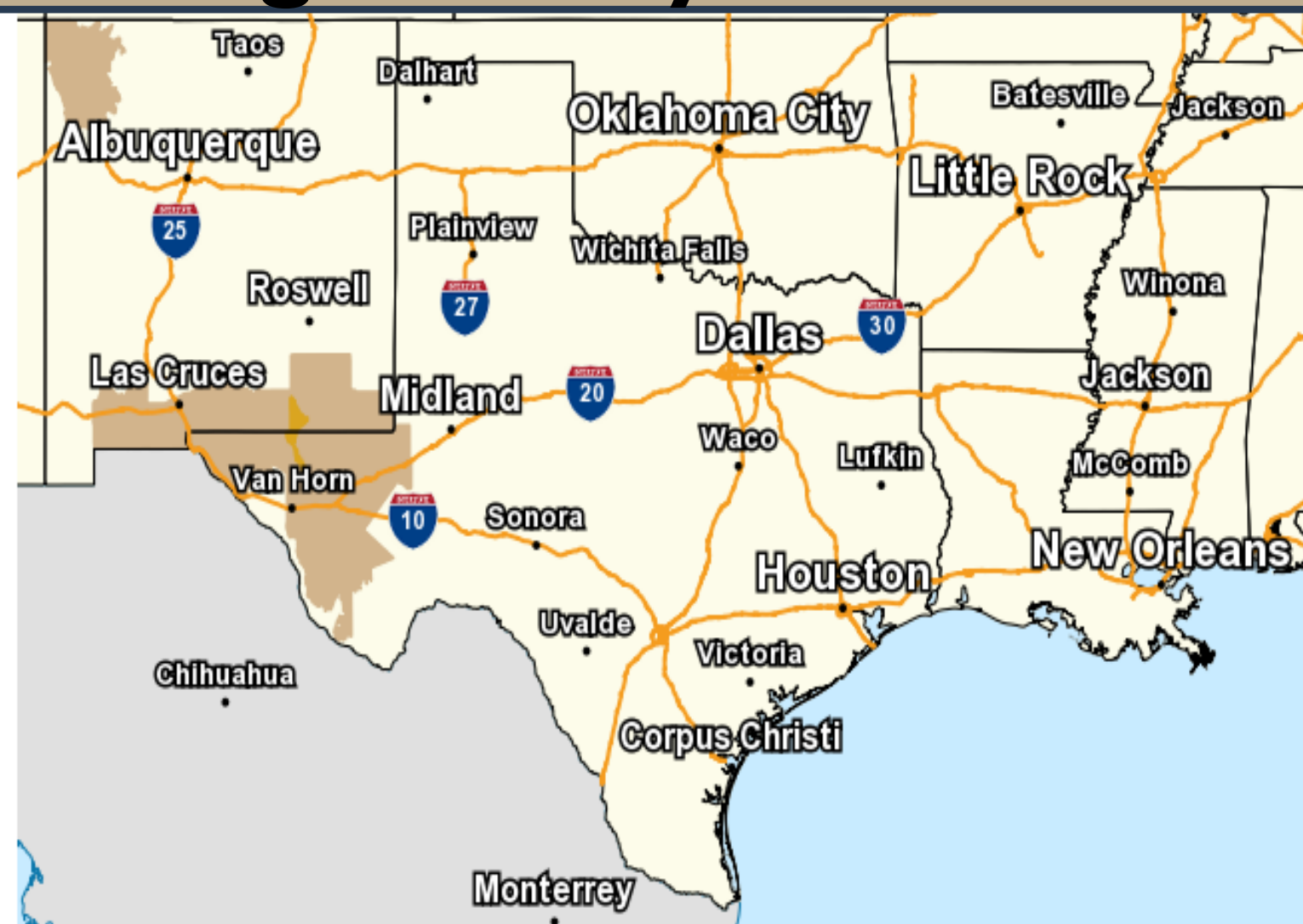
Graphic Created

**Flash Flood Watch across
ArkLaTex.**

**Red Flag Warning for TX Big
Bend.**

**Wind Advisory across W TX
and NW NM. Winter Weather
Advisory NM Mountains.**

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

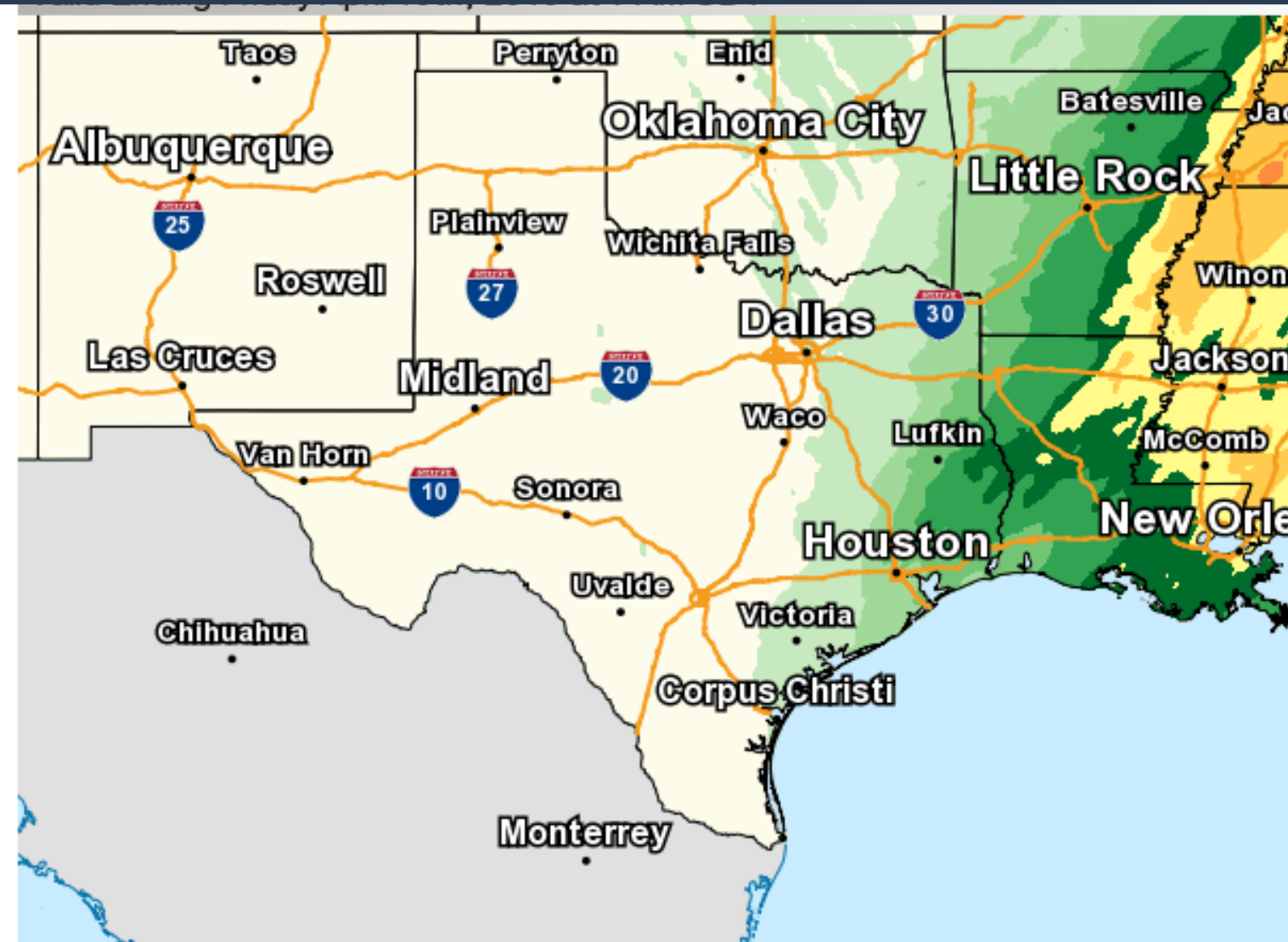
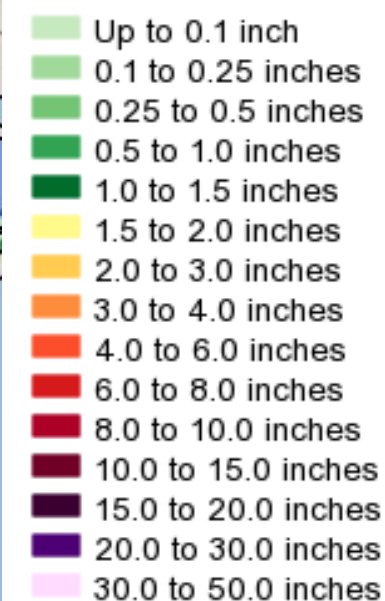
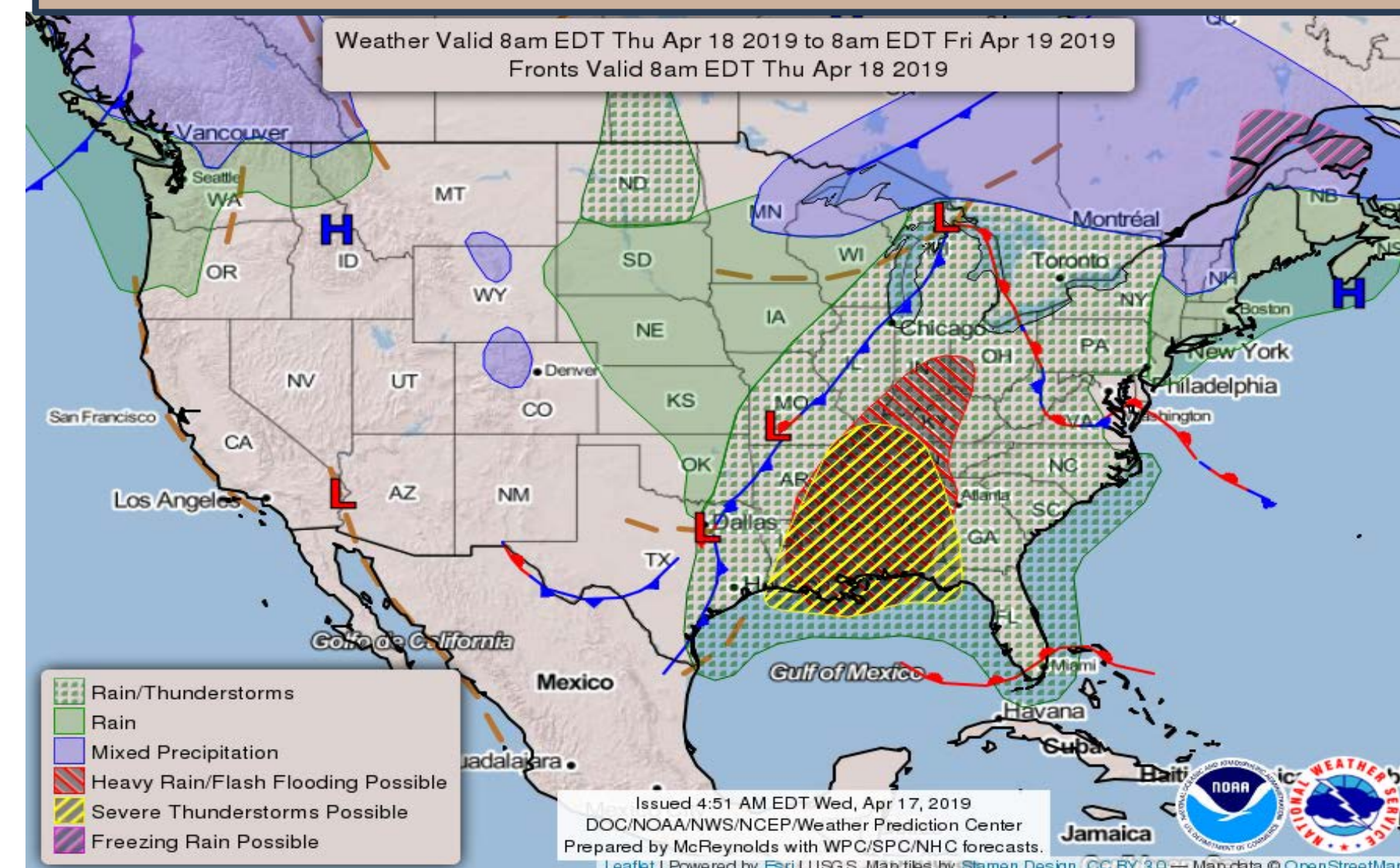
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Graphic Created
April 17th, 2019
7:57 AM CDT

Enhanced risk for severe thunderstorms across SE LA.

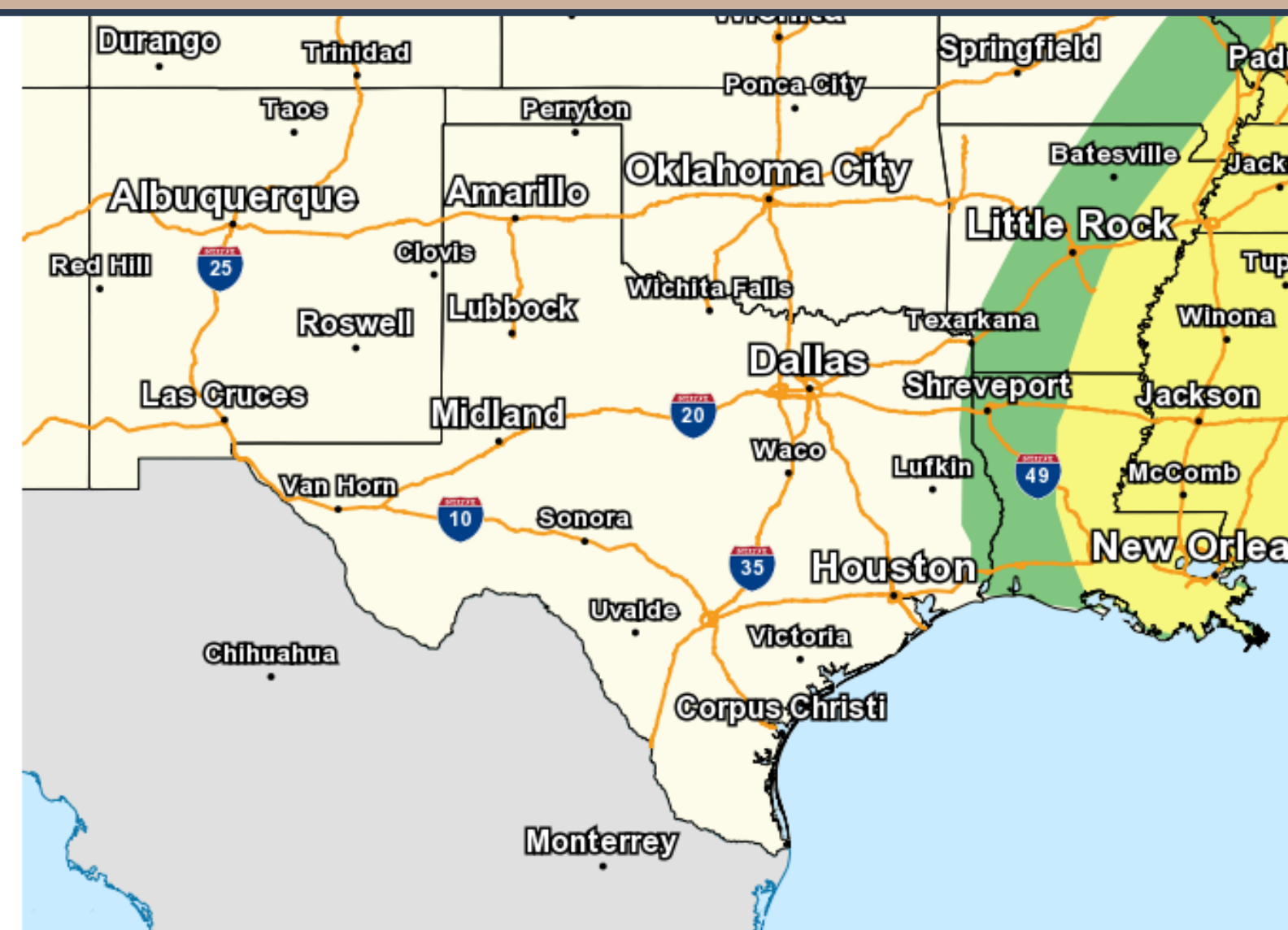
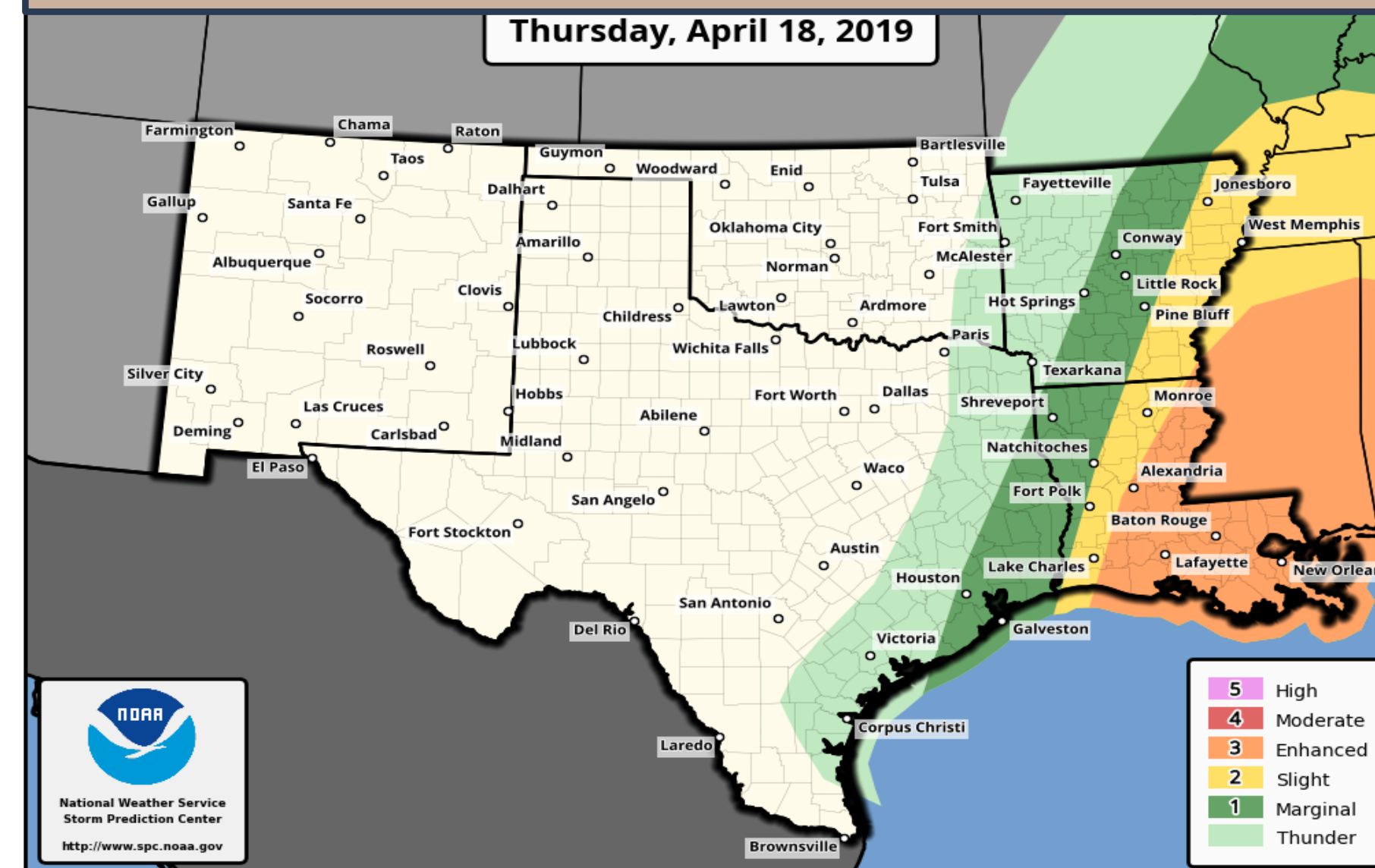
Slight risk area for severe thunderstorms across E AR.

Heavy rain/isolated flash flooding possible across much of AR & LA.

Isolated strong to severe thunderstorms possible across SE TX, Central AR & W LA.

Severe Weather Outlook

Excessive Rainfall Outlook



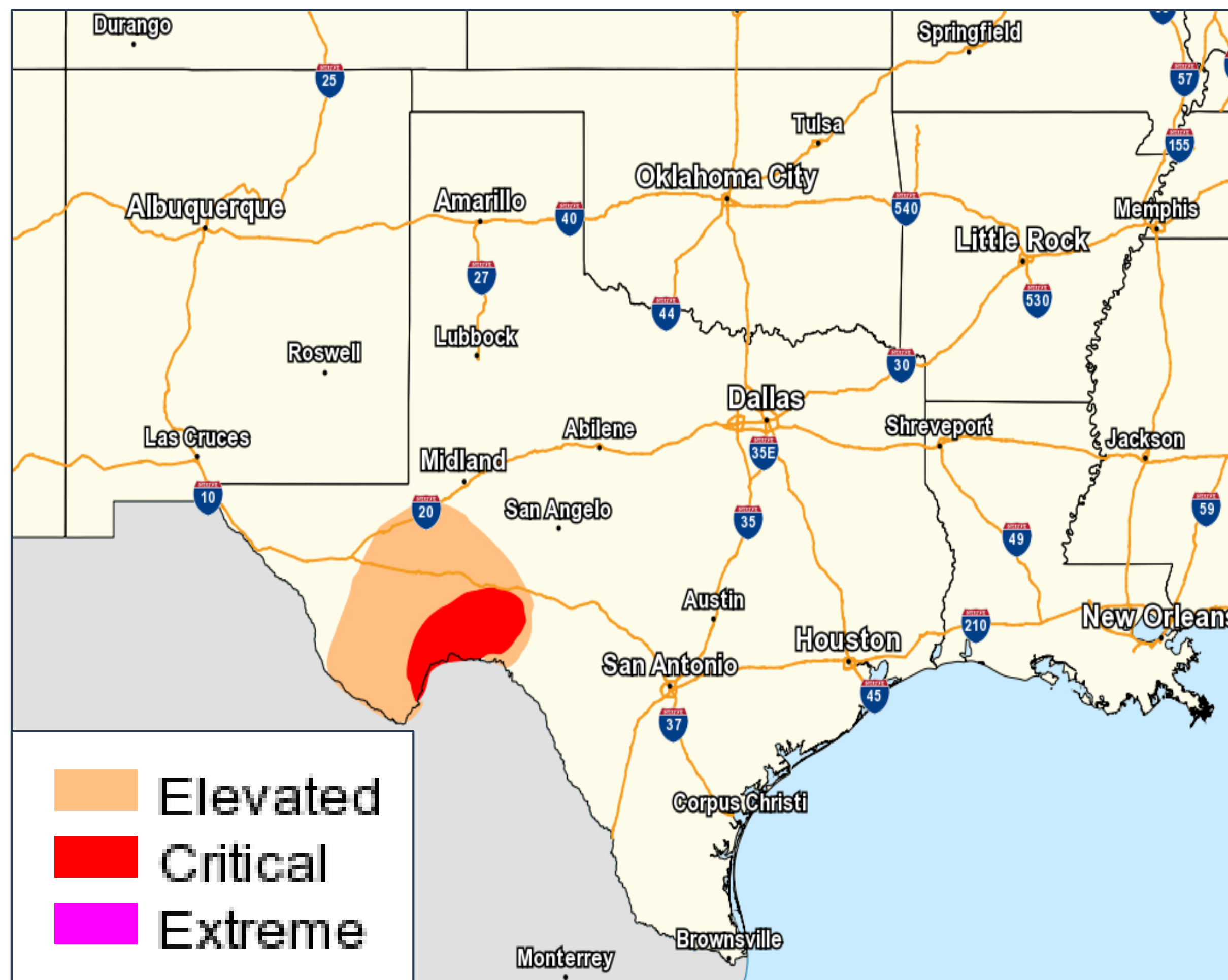
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April 17th, 2019
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Fire Weather Outlooks

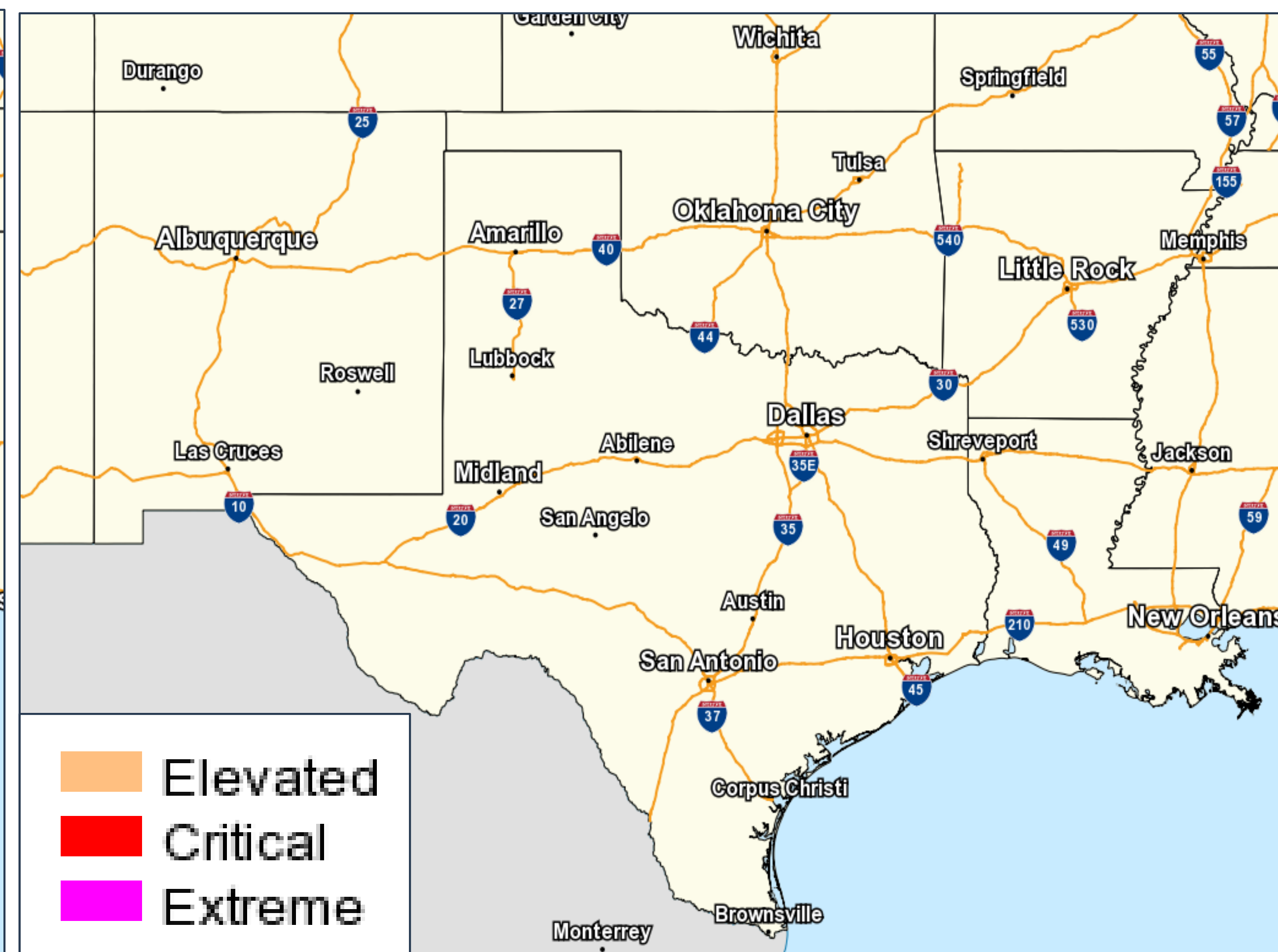


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook



Friday's Weather

Forecast Chart

Forecast Rainfall



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No significant weather impacts expected.

Severe Weather Outlook

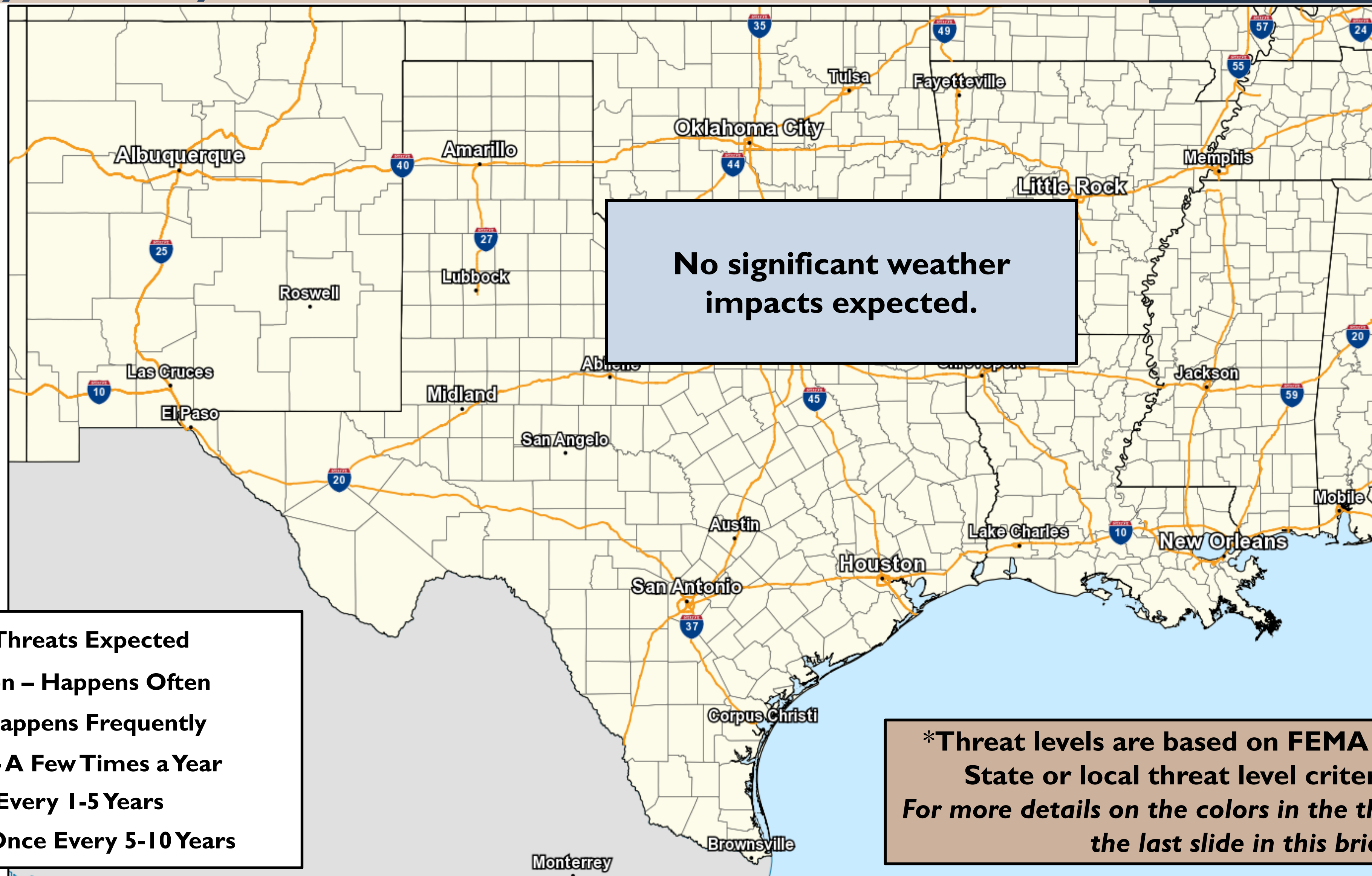
Excessive Rainfall Outlook

Days 4-5 Weather Hazards

Saturday – Sunday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

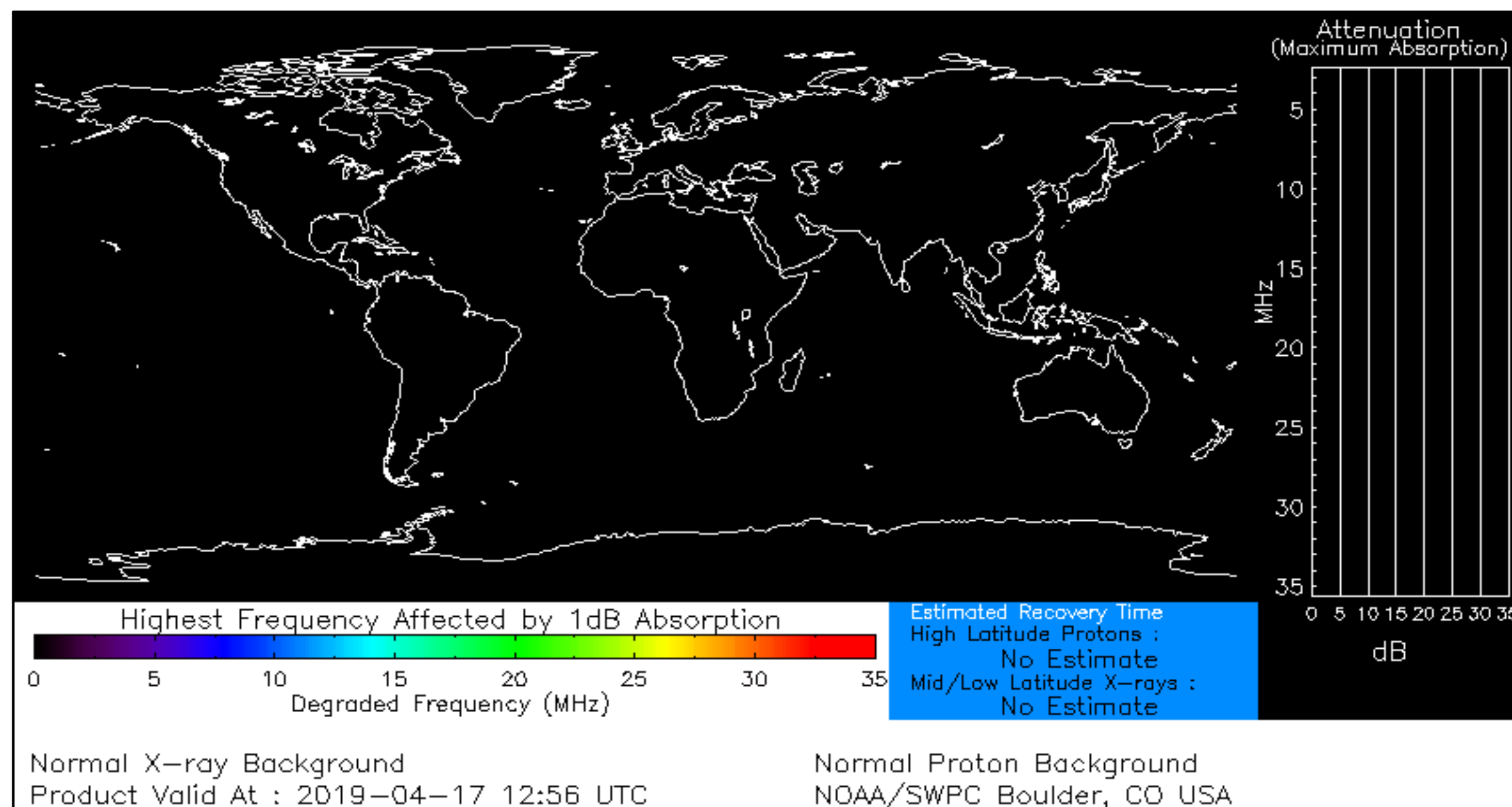
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Space Weather 3-Day Forecast



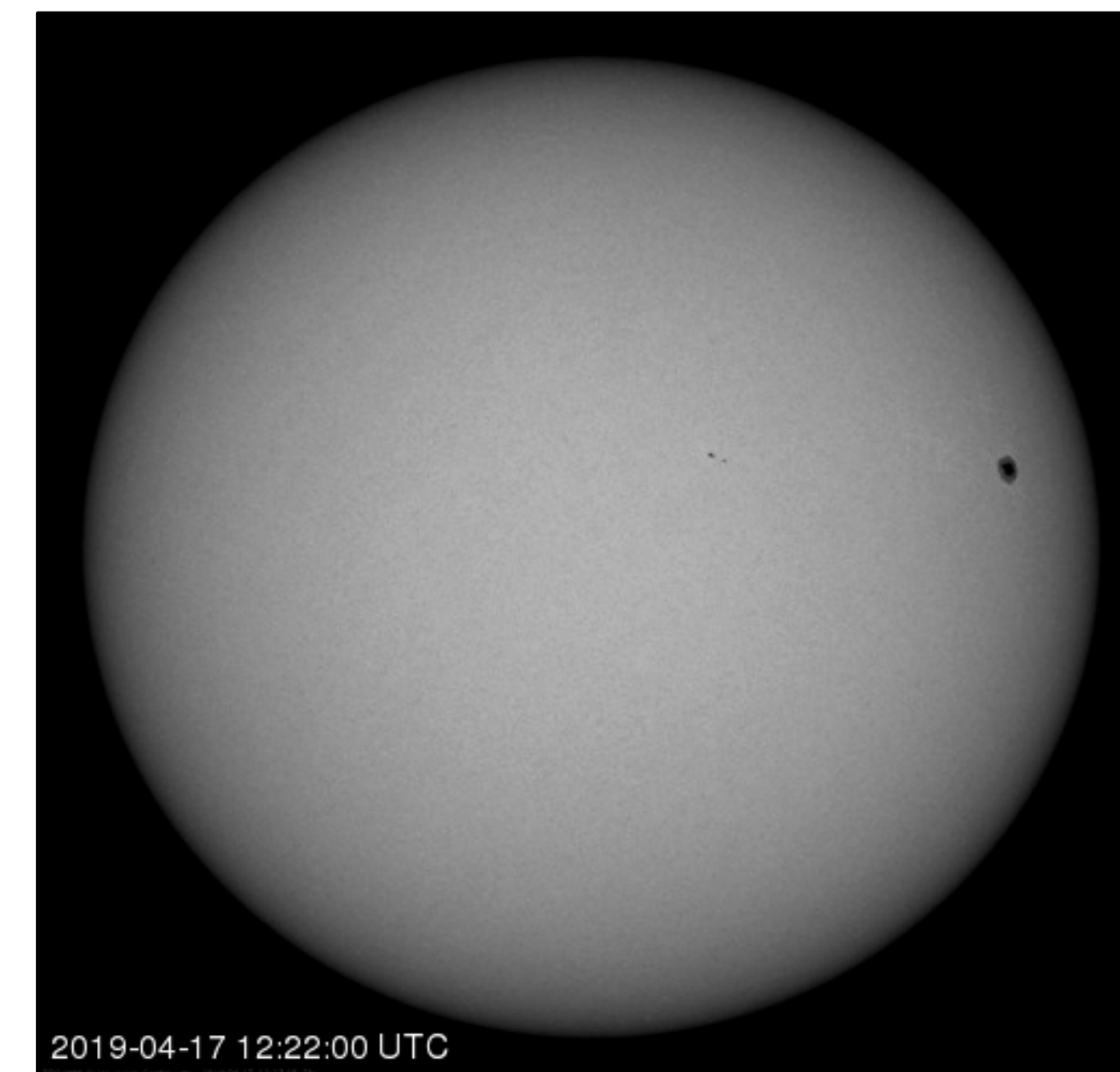
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov